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the second pixel to emit light in a melatonin production inhibition wavelength range that corresponds to the predetermined range.

15. The display device as claimed in claim **14**, wherein: the first time period is daytime, and
5 the second time period is nighttime.

16. The display device as claimed in claim **14**, wherein the first pixel is to emit blue light.

17. The display device as claimed in claim **14**, wherein the first pixel emits light when the second pixel does not emit
10 light in the predetermined range.

18. The display device as claimed in claim **14**, wherein the light emitted from the first pixel has a peak in the melatonin production inhibition wavelength range, and has a full width at half maximum of greater than 1 nm and less than 50 nm.
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19. The display device as claimed in claim **14**, wherein a sum of light from the first pixel and light from the second pixel combines to increase inhibition of production of melatonin in during the first time period.

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